

**ABSTRACT**

It is intended to provide novel polypeptides which specifically inhibit the activity of a mechano-sensitive channel; and mechano-sensitive channel  
5 inhibitors or remedies for atrial fibrillation containing these polypeptides or salts thereof. The above objects can be achieved by using polypeptides having amino acid sequences represented by SEQ ID NO:1 (TVP003), SEQ ID NO:2 (TVP004) and SEQ ID NO:3 (TVP005), salts of these polypeptides, and  
10 mechano-sensitive channel inhibitors or remedies for atrial fibrillation containing the same.